

CLAIMS

What is claimed:

1. A fiber distribution hub enclosure in an optical fiber-to-the-premises network comprising:
 - a fiber distribution hub enclosure;
 - 5 a subscriber patch shelf in the enclosure and having a plurality of termination connectors to form a termination field, and
 - an optical splitter shelf in the enclosure and having a plurality of optical splitter modules, the optical splitter modules having a plurality of splitter output pigtail ends wherein the pigtail ends are connectorized and administratively
 - 10 located directly on a splitter module bulkhead.
2. The fiber distribution hub of Claim 1, further comprising extending splitter output pigtails having ends that are staged initially on adapter ports located on the splitter module bulkhead.
3. The fiber distribution hub of Claim 1, further comprising a ribbon harness
15 extending from the optical splitter shelf, said harness affixed to optical splitter shelf and having a strain relief adapter that provides a higher level of pull strength on the cable and an improved bend radius control.
4. The fiber distribution hub of Claim 1, further comprising a ribbon harness
20 extending from the optical splitter shelf to provide a higher level of packaging density on the splitter module bulkhead and to allow space for a plurality of storage adapters on the splitter module bulkhead.
5. The fiber distribution hub of Claim 1, further comprising a harness extending from the optical splitter shelf having a ribbon cable at a bulkhead transition for increasing packing density in a cabling trough.

6. The fiber distribution hub of Claim 1, further comprising a harness constructed partially of ribbon cable and with breakout to a plurality of individual jacketed pigtails allowing each splitter port to be administered individually.
7. The fiber distribution hub of Claim 1, further comprising storing the plurality of
5 splitter output pigtail ends on the bulkhead for purposes of staging the ends for rapid deployment.
8. The fiber distribution hub of Claim 1, further comprising a full adapter for each of the plurality of splitter output pigtail ends to be stored on the bulkhead and to provide access to the tip of the connector for connecting a fiber optic terminator.
- 10 9. The fiber distribution hub of Claim 1, further comprising a plurality of adapter receptacles that can be configured for providing access to a connector ferrule tip inside the module.
10. The fiber distribution hub of Claim 1, further comprising a hinged shelf for
opening the plurality of splitter modules for purposes of installing or removing
15 fiber optic terminators.
11. The fiber distribution hub of Claim 1, further comprising a plurality of half adapter receptacles.